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(Use as many sheets as necessary)

Sheet

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of

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Complete if Known

Application Number	
Filing Date	
First Named Inventor	Robert S. Hinds
Art Unit	
Examiner Name	

Attorney Docket Number

1

U. S. PATENT DOCUMENTS C. = Column; L. = Line(s)

Examiner Initials*	Cite No.*	Document Number Number-Kind Code ² (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-			
MM		US- Des 274,861 B1	07 31 1984	Oscar L. Lindblad	FIGs 1 - 3, 5, 6, 8
		US- 3,678,542 B1	07 25 1972	Ernest Prete, Jr.	FIGs 1, 5; C. 2, L. 5 - 10; 34 - 42;
		US-			46, 47; C. 4, L. 6, 11, 14 - 17
		US- 3,165,805 B1	01 19 1965	James H. Lower	FIGs 1, 2; C. 2, L. 26 -
		US-			31; 57 - 61; 65, 66
		US- 3,020,612 B1	02 13 1962	William H. Meeker	FIGs 1 - 3; C. 3, L. 22, 24,
		US-			33 - 36; C. 4, L. 18 - 20
		US- Des 188,897 B1	09 27 1960	Ernest Prete, Jr.	FIGs 1 - 4
		US- Des 171,045 B1	12 08 1952	William M. Noe	FIGs 1 - 5
		US- 2,442,266 B1	05 25 1948	Frank L. Davis	FIGs 2 - 4; C. 1, L. 54 -
		US-			58; C. 2,
		US- 1,139,036 B1	05 11 1915	Ernest N. Humphrey	FIGs 1 - 4; C. 2, L. 61; 67 - 70, 77
		US- 631,486 B1	08 22 1899	Otto Fischer	FIGs 1, 5, 9, 10; C. 3, L.
		US-			32 - 34; 41, 47, 48, 66 -
		US-			C. 4, L. 68; C. 4, L. 71 - 74
		US- 307,345 B1	10 28 1884	Earl A. Smith	FIGs 1, 2, 4; C. 2, L. 57,
		US-			58, 79, 91 - 95

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.*	Foreign Patent Document Country Code ² -Number ⁴ -Kind Code ² (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶

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